

Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-2 (canceled)

ADD B1

3. (New) A method of controlling color on a printed sheet at a printing press, the method comprising:

measuring the spectral reflectance values of a test area on the printed sheet;

converting the measured spectral reflectance values to test color coordinates in a selected uniform color space;

comparing the test color coordinates in the selected uniform color space to target color coordinates in the selected uniform color space to obtain color parameter difference values;

comparing the color parameter difference values to established color tolerances to determine whether the color parameter difference values exceed a color tolerance threshold;

if the color parameter difference values exceed the color tolerance threshold, then calculating a control value for the printing press using colorimetric density difference values resulting from a comparison of colorimeter density values measured in the test area on the printed sheet and target colorimetric density values.

4. (New) A method as in claim 3, and wherein the control value for the printing press is calculated by converting the colorimetric density difference values to solid ink density differences using a linear matrix equation.

5. (New) A method as in claim 3, and wherein the selected uniform color space is CIELAB.

6. (New) A method as in claim 3, and wherein the selected uniform color space is CIELUV.